

**ONLY 3C OFFERS
THE FINEST I/C COMPUTER BUY
IN THE WORLD...THE DDP-124...**



SUMMARY BROCHURE

Honeywell



COMPUTER CONTROL DIVISION

... AND HERE IS PROOF, IN CAPSULE FORM

PROGRAMMING SOFTWARE

1. FORTRAN IV with Boolean capabilities.
2. Compatible symbolic assembler.
3. 66 I/O programs.
4. 145-program mathematics library.
5. 20 utility programs.
6. 13 test/maintenance programs.
7. Complete library of user subroutines.
8. All 244 software programs are field proven.
9. Users' group and programming service support.

HIGH-PERFORMANCE HARDWARE

10. 24-bit word.
11. Sign/magnitude arithmetic.
12. Binary.
13. Parallel.
14. Single address.
15. Indexing (hardware index register).
16. Indirect addressing.
17. I/C core memory system (3C's μ -STORE ICM-40)
18. 1.75 μ sec cycle time; 0.8 μ sec access time.
19. 8192-word capacity, expandable to 32,768; all words directly addressable.
20. Flexible and powerful command structure; simple command format.
21. 285,000 computations per second.
22. 3.5 μ secs add.
23. 14 μ secs multiply (average).
24. 19.60 μ secs divide (fixed).
25. 1.75 μ sec I/O word transfer.
26. Program controlled I/O.
27. Typewriter and high speed paper tape I/O.
28. Automatic interrupt for any I/O channel.
29. Input and output can occur asynchronously and be interleaved with processing.
30. Data entry displays.
31. Index register displays.
32. Simplified operator control.
33. Separate maintenance displays and system malfunction detection controls.
34. Normal house power operation.
35. 10° to 40°C operating temperature range.
36. Requires no air conditioning, sub-flooring or other special installation.
37. Front access to all logic circuits and interwiring.
38. All I/C μ -PAC logic modules are interchangeable — including memory circuits.



I/C DDP-124 general purpose computer with optional remote control console.

39. Modular design permits field expansion and easy implementation of options.
40. Price: About \$65,000 including total program package.
41. Delivery: software immediately, hardware in a few weeks.

OPTIONAL CAPABILITY

42. All options circuitry is I/C.
43. Memory expansion to 32,768, directly addressable.
44. Memory lockout system.
45. Direct memory access I/O channel.
46. Word forming buffer.
47. Sixteen priority level interrupt lines.
48. Up to 64 input sense lines.
49. Up to 64 output sense lines.
50. Character buffer registers.
51. Parallel I/O channels.
52. Additional hardware index registers.
53. Single execute interrupt for automatic counting.
54. High speed multiply — 8.75 μ secs.
55. Remote control console and multi-station capability.

56. Wide range of peripheral equipment including magnetic tapes and disc files; easily interfaced with I/C circuitry.
57. Power failure interrupt.

RELIABILITY

58. Silicon monolithic integrated circuits.
59. Designed for continuous operation in hostile environments.
60. Backed up by ten years' experience in circuit module design and computer/system design.
61. Field proven — more I/C oriented than any computer delivered so far.
62. 5 mc circuitry/parallel organization permit wide reliability performance margins.
63. Rigid inspection, test and over-all quality assurance programs.
64. MTBF: About one year under normal 40-hour week operation.

Important: When ordering your DDP-124 be sure to reserve room for your personnel to attend, at no charge, 3C's programming and maintenance course.

Complete documentation and specification information is available for your evaluation. Simply return this card.

Tell me more about THE FINEST COMPUTER BUY IN THE WORLD . . . THE DDP-124

- ☐ Send me your complete DDP-124 catalog which contains detailed documentation and specifications.
- ☐ Have your computer expert call me for an appointment.

Name _____ Title _____

Company _____

Address _____

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Telephone No. () _____ Ext. _____
area code

PLEASE . . . What application do you have in mind for the DDP-124?

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